



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.607

for

BS 115

Type Certificate Holder:

BLACKSHAPE S.p.A.

Strada Statale 16 KM 841+900

70043 Monopoli (BA)

Italy

For models:

BK 160

BK 160-200

BK 160TR

BS 115



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Type Certificate Holder¹ **BLACKSHAPE S.p.A.** Aircraft Type Designation¹ **BK 160**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **IO-320-D1B**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14124	Hartzell Propeller Inc.	3C1-L675A1/76C03-7/SM47	Silencer: Chabord BCV8.7820-000-001	850	74.0	76.2	-

¹ See Note 1.



Type Certificate Holder¹ **BLACKSHAPE S.p.A.** Aircraft Type Designation¹ **BK 160-200**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **IO-320-D1B**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14936	Hartzell Propeller Inc.	3C1-L675A1/76C03-7/SM47	Silencer: Chabord BCV8.7820-000-001	850	74.0	76.2	-

¹ See Note 1.



Type Certificate Holder¹ **BLACKSHAPE S.p.A.** Aircraft Type Designation¹ **BK 160TR**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **IO-320-D1B**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14938	Hartzell Propeller Inc.	3C1-L675A1/76C03-7/SM47	Silencer: Chabord BCV8.7820-000-001	850	74.0	76.2	-

¹ See Note 1.



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Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C13061	Hartzell Propeller Inc.	3C1-L675A1/76C03-7/SM47	Silencer: Chabord	750	71.4	74.2	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.A.607 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



Change Record

Issue	Date	Changes
Issue 1	03 April 2017	Initial Issue
Issue 2	02 October 2019	Added record number C14124
Issue 3	12 May 2020	Variant BK 160 transformed to a new separate model BK 160
Issue 4	07 June 2022	Added Model BK 160-200
Issue 5	14 June 2022	Added Model BK 160TR

